



Sound Manager 2.0
User Guide

Version 1.5 – April 22, 2014

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Overview

Sound Manager 2 can be used to control both the iNet and Emerald version of the Lencore OP. For this application to work completely, both the DSP and Neuron Firmware will need to be updated with the latest versions.

Compatibility

The Sound Manager 2 web app utilizes WebSocket technology (protocol RFC6455) which requires specific web browser versions to function appropriately. The following is a list of minimum web browser versions required:

- Internet Explorer 10
- Firefox 11 (PC)
- Firefox 11 (Android)
- Chrome 16 (PC, Mobile)
- Safari 6 (Mac, iOS*)
- Opera 12.10 (PC, Mobile)
- Android Browser (Not Supported)

*iOS must be at least version 6.

Keyboard Shortcuts

In addition to using a mouse, various keyboard shortcuts have been provided to allow for quickly moving between screens and objects. These shortcuts have been detailed on the final page of this manual.

USER OPERATION

SPECTRA i.NET'S WEB-BASED ACCESS AND TUNING CAPABILITIES USING THE SOUND MANAGER

Although most installations do not require extensive changes or re-tuning, some clients prefer the option of network controls that enable them to make systematic and/or spot changes to the sound masking system. To enable the clients to do this, Lencore provides a private, web-based user interface with every Spectra i.Net® Networked Sound Masking System called the Sound Manager.

The Sound Manager is based on an open-architecture software platform that controls and monitors the finished system. It can be accessed from any desktop or wireless computer with an Internet browser.

The Sound Manager user-interface control can be used to:

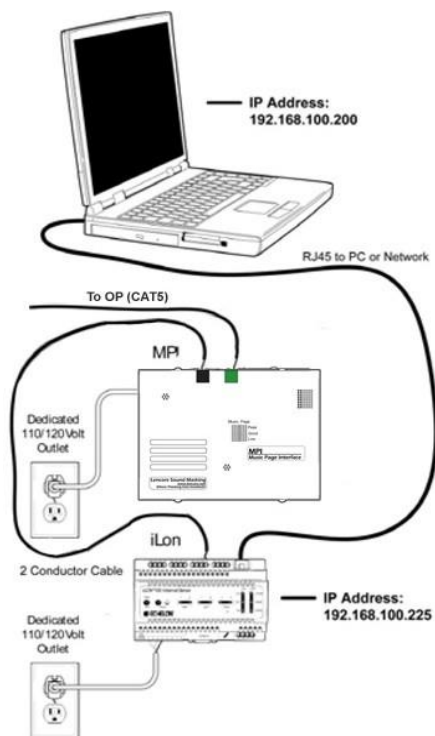
- Tune the sound masking system for volume, contour & equalization
- Create groups for masking zones, paging zones and music zones
- Control volume and equalization for paging and music
- Run diagnostics
- Set and change group settings for each OP and each sound masking channel
- Reset system to factory-set commands
- Reset system to last saved settings

ACCESSING THE ONLINE SOUND MANAGER FROM A DESKTOP PC / LAPTOP

- The Sound Manager interfaces with the sound masking system OP's through the Echelon i.LON SmartServer.
- Each i.LON SmartServer is a control server that acts as a miniweb server. The Sound Manager Program works exactly as a web site and is contained within the i.LON itself.

Note: *The i.LON SmartServer does not need Internet access unless strictly intended*

USER OPERATION



IP Address 192.168.100.225

USING THE SOUND MANAGER ON-SITE (MOST COMMON USAGE):

Connect a computer to the i.LON's 10/100 base T connector using a computer data cable with an RJ-45 connector.

The computer (not the i.LON) must be configured to have an IP address that is different from the i.LON's IP address (other than 192.168.100.225). For example, a good IP address for the computer is 192.168.100.200. Consult with an IT professional if you do not understand these instructions.

To configure the computer that is directly connected to the i.LON, complete the following:

Turn the computer on, allow the computer to boot completely, plug in using the data cable from the computer to the i.LON, or log on through a wireless connection (router).

WINDOWS XP

- Go to the 'Start' button and click
- Go to 'Connect To' button and click (if not available, go to the control panel and click 'Networks & Internet Connections' and click)
- Go to 'Show All Connections' (may say 'Show Network Connections') and click
- Right click 'Local Area Connection'
- Go to 'Properties' and click – A pop-up screen will appear
- Go to the window in the Pop-up Box titled "This Connection Uses the Following Items"
- Scroll down to the last item in this box and highlight 'Internet Protocol (TCP/ IP)'
- Once highlighted, click the 'Properties' button below the box
- Click on "Use the Following IP address"
- In the box labeled "IP Address:" put in the following address: 192.168.100.200
- Next, click the 'Tab' button on your computer
- The box labeled 'Subnet Mask:' will automatically fill in with 255.255.255.0
- Press Ok/Close on the box and then close the dialog box
- Your computer is now ready to talk to the i.LON

USER OPERATION

WINDOWS VISTA

- Go to Control Panel
- Under Network and Internet, click on “View Network Status and Tasks”
- At left menu of next screen, click on “Manage Network Connections”
- At next screen, double-click “Local Area Connection”
- At next screen (Local Area Connection Status), click on “Properties”
- A pop-up window will appear asking you for permission, click on “Continue”
- At the next screen in the area where used items are checked, highlight the selection “Internet Protocol Ver- sion 4” (NOT VERSION 6!), and click “Properties”.
- At the next screen (Internet Protocol Version 4 properties), select the option “Use the following IP address” and complete the following:
 - In the IP address section, enter 192.168.100.200
 - Press the <Tab> key on the keyboard to jump to Subnet section, leave this area set to 255.255.255.0
 - Press the <Tab> key on the keyboard to jump to the Gateway section. The computer Gateway must match the Gateway assigned to the i.LON if a specific gateway was entered.
 - Click “OK” to save and exit the screen
- Your computer is now ready to talk to the i.LON

WINDOWS 7/WINDOWS 8

- Go to Control Panel
- Under Network and Internet, click on “View Network Status and Tasks”
- At next screen, under “active networks”, click “Local Area Connection”
- At next screen (Local Area Connection Status), click on “Properties”
- At the next screen in the area where used items are checked, highlight the selection “Internet Protocol Ver- sion 4” (NOT VERSION 6!), and click “Properties”.
- At the next screen (Internet Protocol Version 4 properties), select the option “Use the following IP address” and complete the following:
 - In the IP address section, enter 192.168.100.200
 - Press the <Tab> key on the keyboard to jump to Subnet section, leave this area set to 255.255.255.0
 - Press the <Tab> key on the keyboard to jump to the Gateway section. The computer Gateway must match the Gateway assigned to the i.LON if a specific gateway was entered.
 - Click “OK” to save and exit the screen.
- Your computer is now ready to talk to the i.LON

Note: After you are done accessing the i.LON with your laptop, do not forget to go back into TCP/IPv4 Properties and select “obtain IP address automatically”.

USER OPERATION

INTERFACING WITH THE i.LON SERVER

What You Need:

- An Internet browser on your computer (Internet Explorer, Mozilla, Netscape, etc.)

1. Open your Internet browser – YOU WILL MOST LIKELY GET AN ERROR MESSAGE AS YOUR HOME PAGE WILL NOT OPEN PROPERLY! THIS IS O.K.

2. Once you receive the error message, go to the URL box where you normally type in a URL address, such as www.google.com, **and type in the following address:**

192.168.100.225

Type in the address exactly, without any www or http.

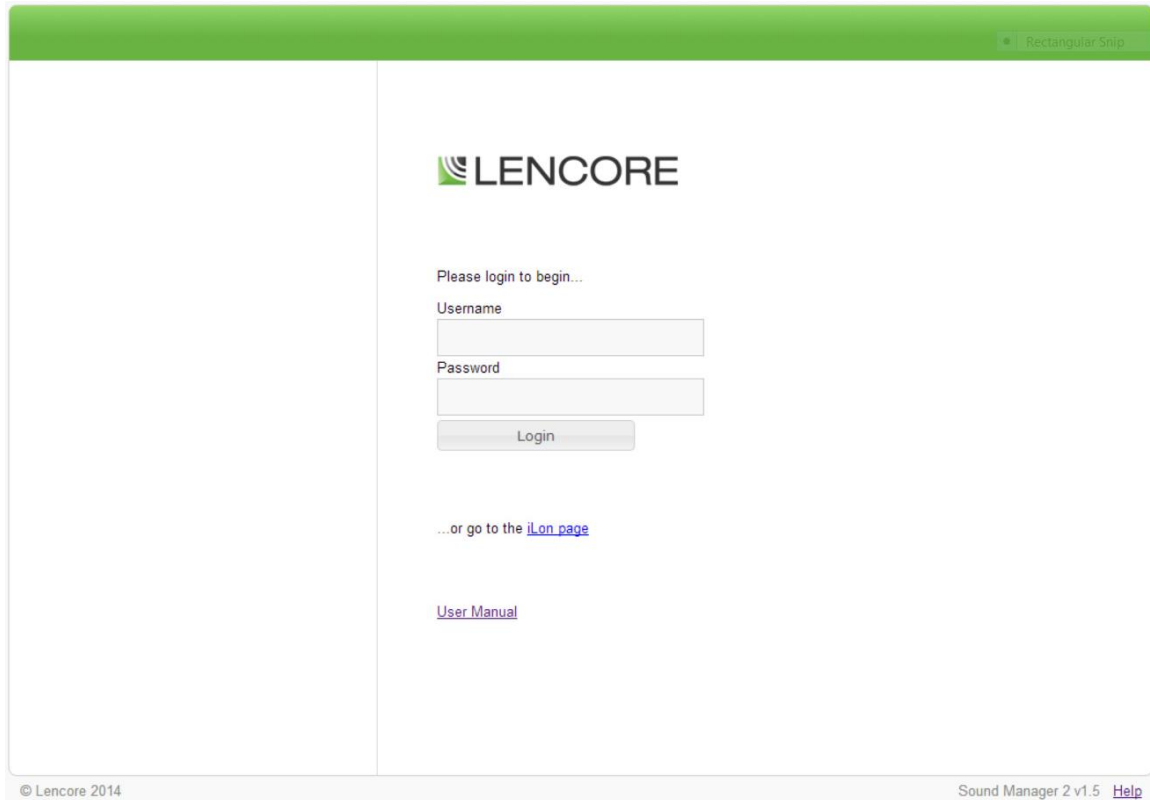
3. After you type in the correct address such as, 192.168.100.225, press return and you will see the Lencore Sound Manager displayed in your Internet browser.

4. You will be prompted with a box asking for a username and password. (see pg. 8)

Note: After you are done accessing the i.LON with your laptop, do not forget to go back into TCP/IPv4 Properties and select “obtain IP address automatically”.

User Operation

Log-In Screen



The screenshot shows a web browser window with a green title bar containing the text "Rectangular Snip". The main content area has a white background. At the top center is the LENCORE logo, which consists of a green square icon with white curved lines followed by the word "LENCORE" in black. Below the logo is the text "Please login to begin...". Underneath this are two input fields: "Username" and "Password". Below the "Password" field is a "Login" button. Further down is a link that says "...or go to the [ilon page](#)". At the bottom of the main content area is a link that says "[User Manual](#)". The footer of the browser window contains the text "© Lencore 2014" on the left and "Sound Manager 2 v1.5 [Help](#)" on the right.

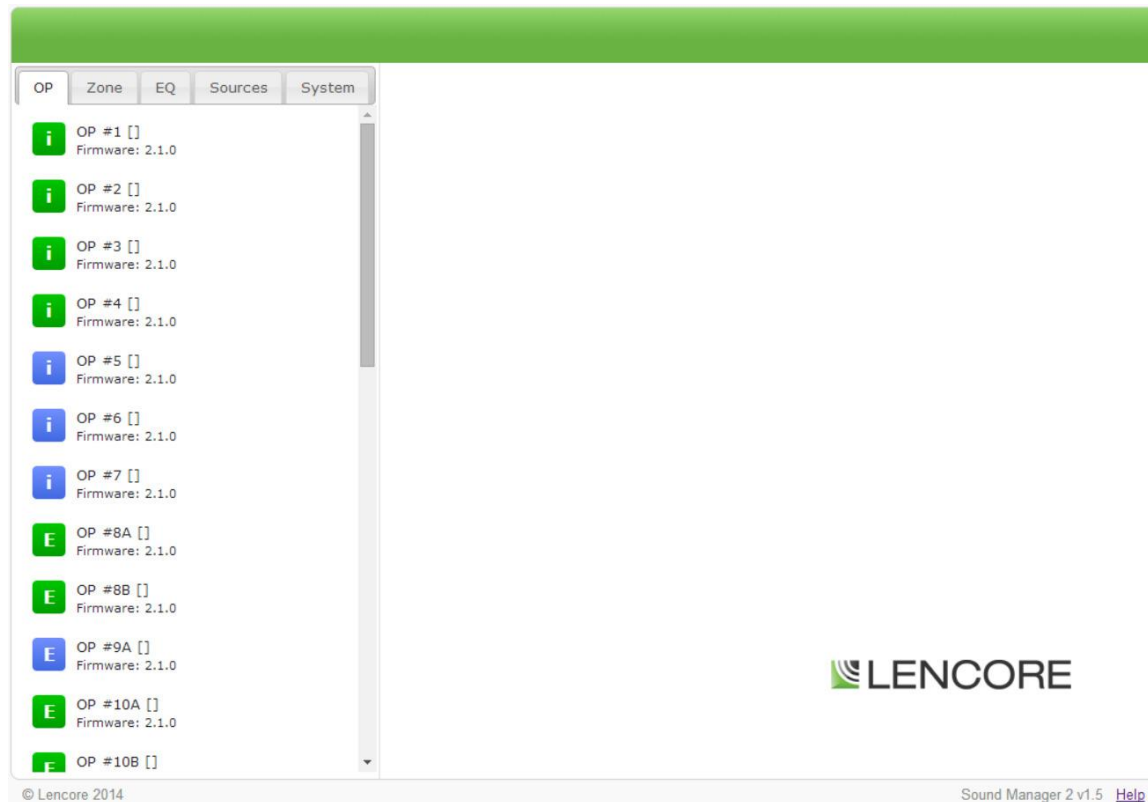
The Log-In screen is presented when first logging into the system from a compatible web browser (as listed in the “Compatibility” section above).

The default Username and Password are both “ilon” (case-sensitive).

After entering the correct credentials, press the “Login” button to enter the main system selection screen where you will be presented with four tabbed options to select from: OP, Zone, EQ and System.

Main Menu

OP Tab



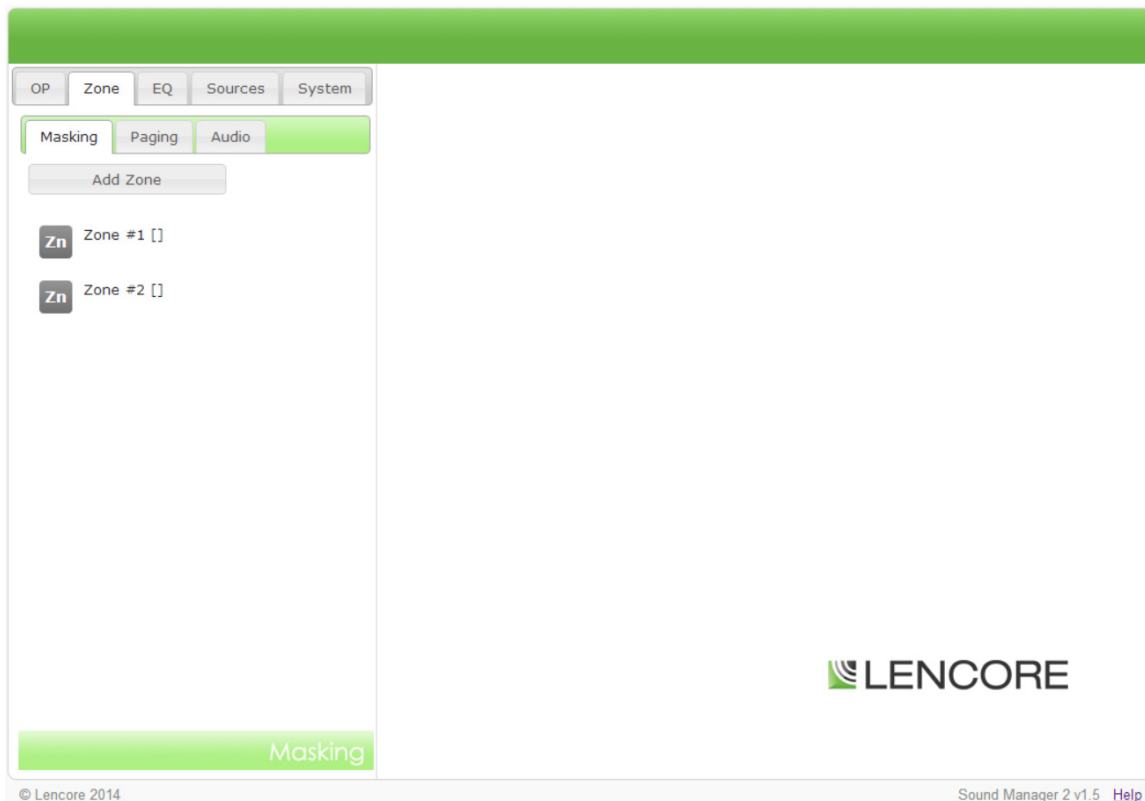
The OP tab, when first selected, presents you with a scrolling list consisting of all of the i.Net and Emerald OP's that have been discovered by the server.

Each OP item consists of the following information:

- Icon depicting the type of OP ("E" for Emerald and "i" for i.Net)
- Icon color depicting the current status of the OP, as follows:
 - Blue: OP is currently online but not initialized
 - Grey: OP is currently online and in the process of initializing
 - Green: OP is currently online and 100% initialized
 - Yellow: OP is currently online but has an alarm attributed to it
 - Red: OP is currently offline
- OP# and Friendly Name. Friendly name is assignable once the OP has been selected (described later) and will be blank if no Friendly Name has been assigned.
- Current firmware version of the OP hardware.

Selecting one of the OP's will bring you to the OP Editing screen (described later) which will allow you to adjust several attributes of the OP.

Zone Tab



Zones are groups of OP channels. They allow you to combine and control multiple channels at the same time.

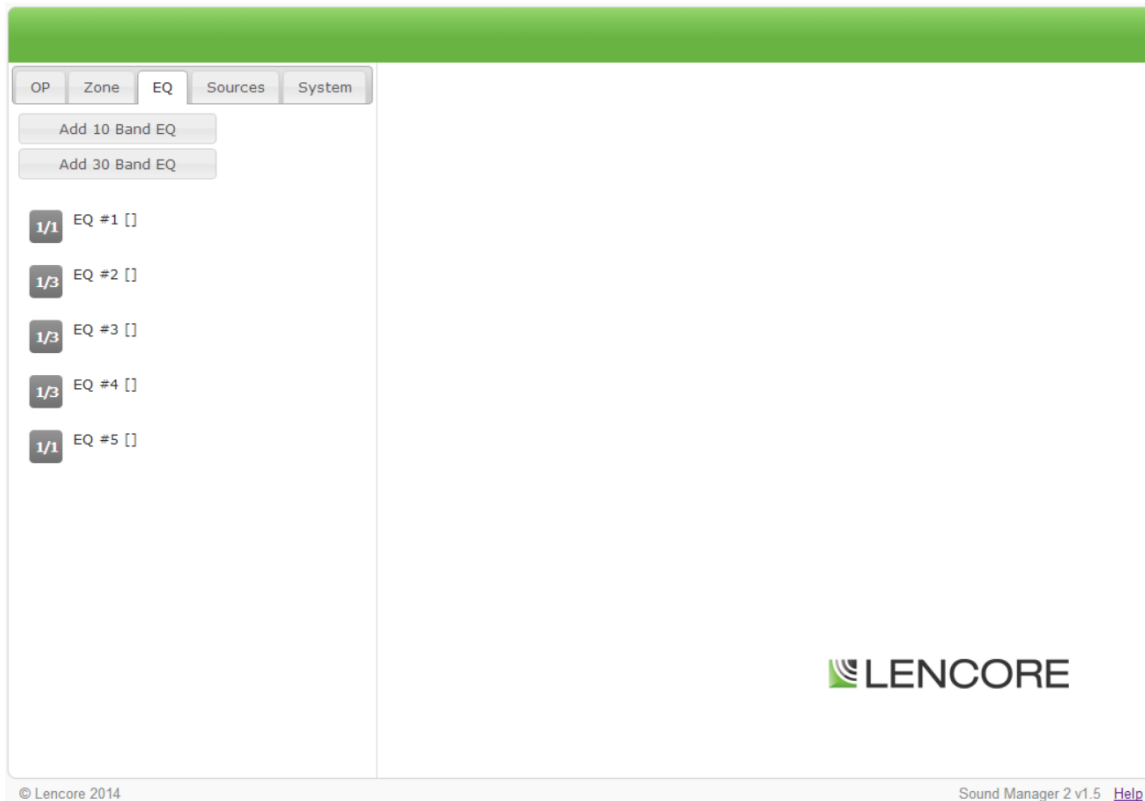
The Zone tab, when first selected, presents you with a sub-menu of tabs for each type of zone available: Masking, Paging or Audio. Selecting any of these tabs will present a list consisting of all of the zones that have been added to the system for the selected zone type as well as a button for adding a new zone of the selected type.

Each individual Zone item consists of the following information:

- Grey “Zn” Icon
- Zone # and Friendly Name. Friendly name is assignable once the Zone has been selected (described later) and will be blank if no Friendly Name has been assigned.

Selecting one of the Zones will bring you to the Zone Editing screen which will allow you to adjust several attributes of the zone.

EQ Tab



Saved equalizers can be thought of as “favorites” which allow you to quickly adjust the equalizer settings for OP's and Zones.

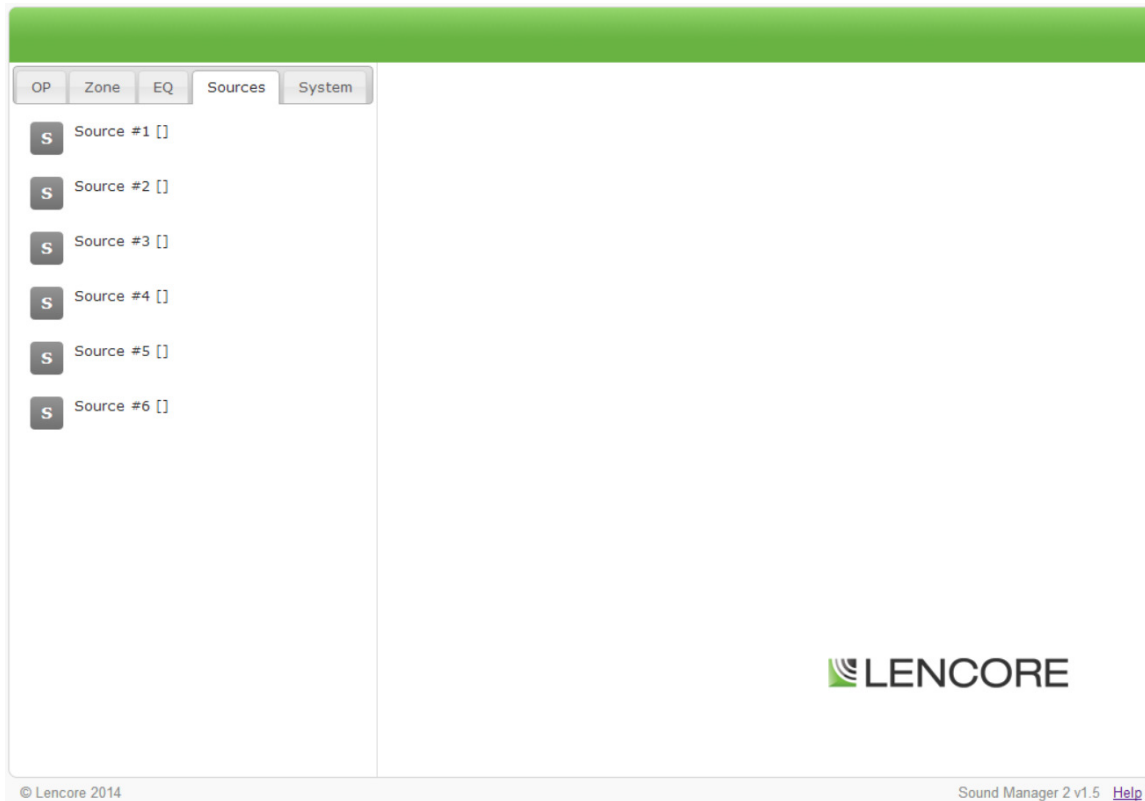
The EQ tab, when first selected presents you with a list consisting of all of the equalizers that have been added to the system.

Each equalizer item consists of the following information:

- Icon depicting the type of equalizer (“1/1” for 10 Band and “1/3” for 30 Band)
- EQ # and Friendly Name. Friendly name is assignable once the equalizer has been selected (described later) and will be blank if no Friendly Name has been assigned.

Selecting one of the equalizers will bring you to the EQ Editing screen (described later) which will allow you to adjust several attributes of the EQ.

Sources Tab



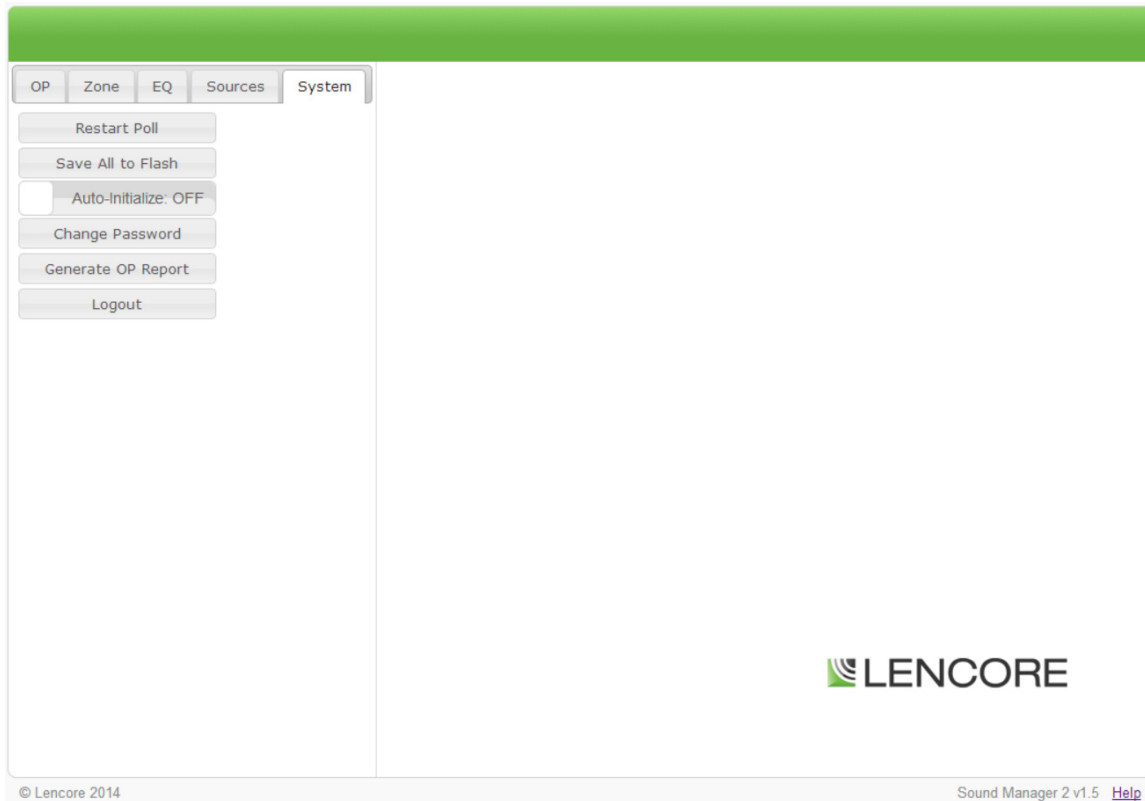
The Sources tab, when first selected presents you with a list consisting of all of the available “global” sources for Emerald OP’s in the system.

Each source item consists of the following information:

- Grey “S” Icon
- Source # and Friendly Name. Friendly name is assignable once the source has been selected (described later) and will be blank if no Friendly Name has been assigned.

Selecting one of the sources will bring you to the Source Editing screen (described later) which will allow you to adjust several attributes of the source.

System Tab



The **System Tab** consists of seven primary options, located on the left side of the screen. The functionality of these options will be detailed in the following pages.

-
- Edit Source Names
- Restart Poll
- Save All to Flash
- Auto-Initialize
- Change Password
- Generate OP Report
- Logout

OP Edit



The OP Edit screen consists of four primary options, located on the left side of the screen. The functionality of these options will be detailed in the following pages.

- Basic Settings
- Audio Settings
- Equalizers
- Diagnostics

HOTKEYS

Pressing "Tab" will select the first volume control knob on the page. Keyboard up/down arrows will control. Pressing "Tab" will move to the next control knob on the page. Keyboard up/down arrows will control. After "entering" a value in text edit mode, pressing "Tab" will go to the next control with text enter mode selected.

Basic Settings

[« Back to OPs](#)

OP #1 
Firmware: 2.1.0 Neuron Firmware: 4.0.1

Basic Settings

Audio Settings

Equalizers

Diagnostics

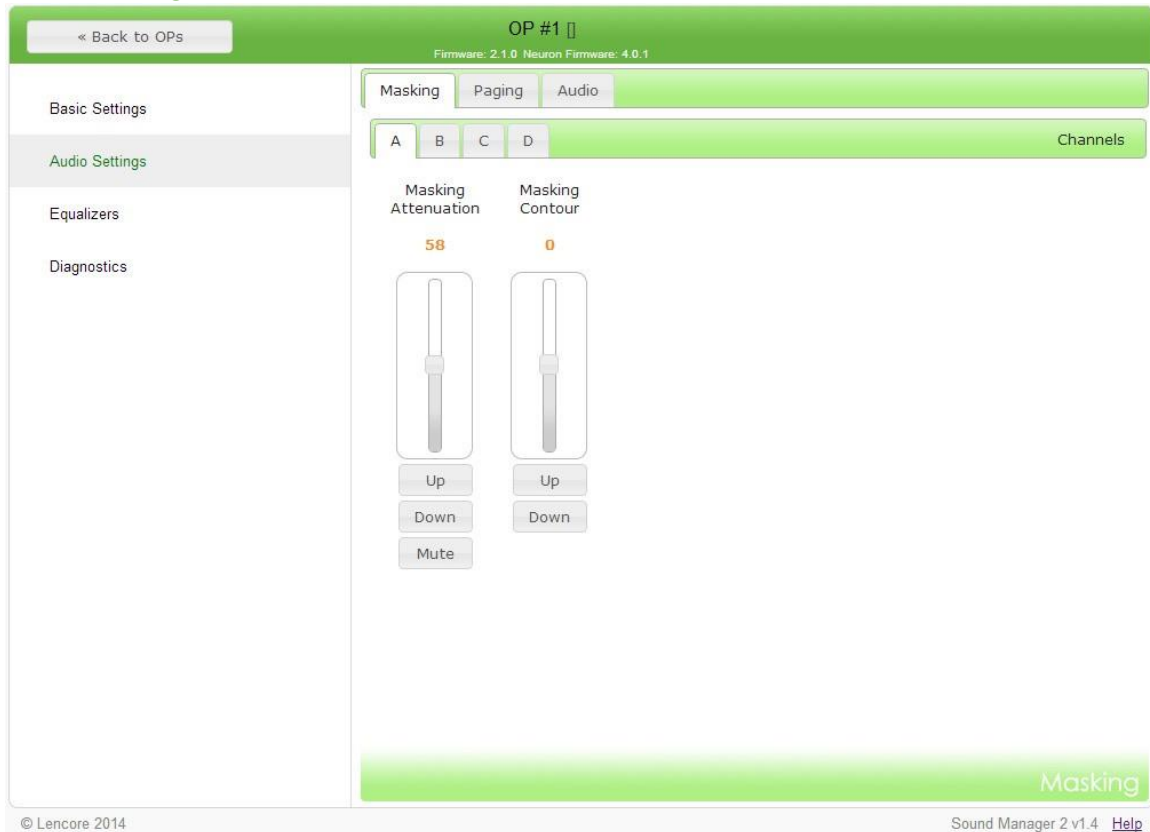
Change friendly name...

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Sound Manager 2 v1.4 [Help](#)

The Basic Settings page allows you to change the Friendly Name of the OP to a more descriptive or easily recognizable name.

Audio Settings



The Audio Settings page allows you to configure the following categories for each of the OP Channels:

- Masking (Attenuation and Contour)
- Paging (Attenuation Only)
- Audio (Attenuation Only)

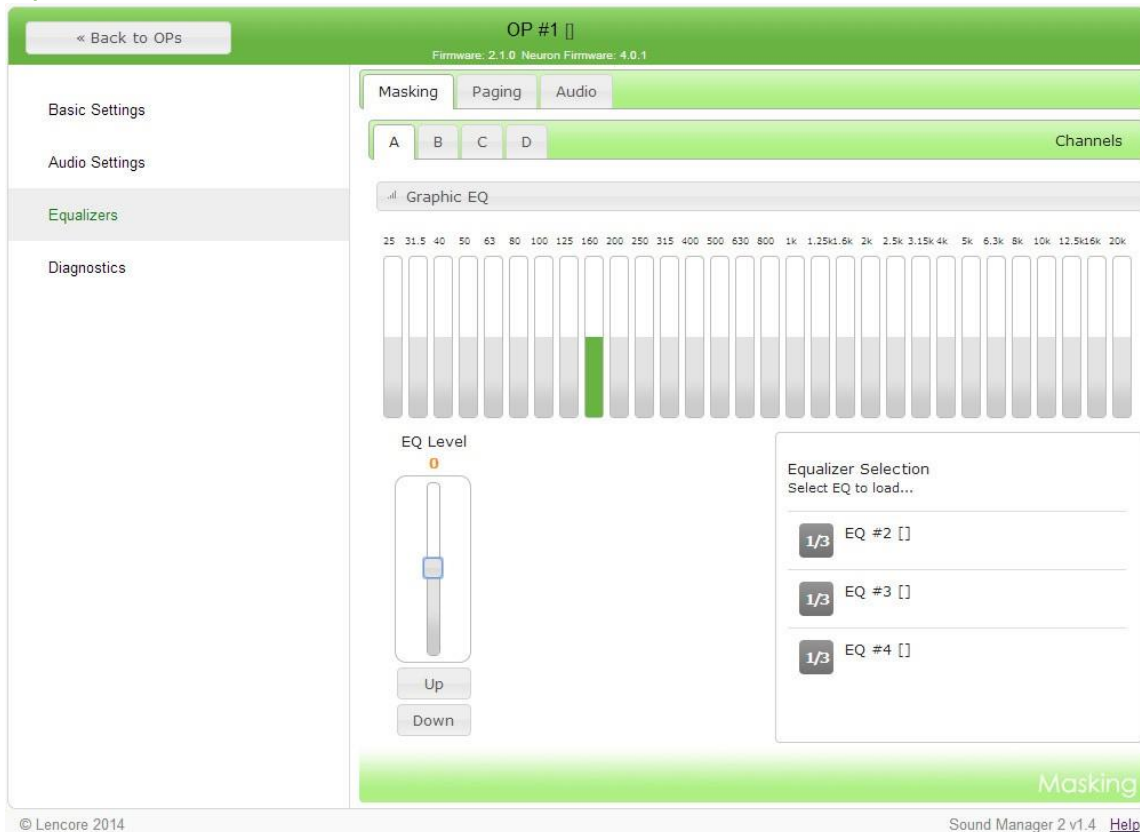
The options available will be determined by the type of OP (iNet or Emerald) selected and which tab is currently being edited (iNet OP/Masking tab shown above).

HOTKEYS

Masking Tabs: Press "M"
Paging Tabs: Press "P"
Audio Tabs: Press "A"

Channel Tabs:
Channel A or 1: Press "1"
Channel B or 2: Press "2"
Channel C or 3: Press "3"
Channel D or 4: Press "4"
Channel 5: Press "5"
Channel 6: Press "6"
Channel 7: Press "7"
Channel 8: Press "8"

Equalizers



The Equalizers page allows you to edit the equalizer information for each OP Channel within each of the 3 categories (Masking, Paging and Audio)

Click on an Equalizer band to bring up an adjustment level in the bottom left of the screen.

Level adjustment can be accomplished in one of three ways:

- Clicking the Up/Down buttons below the level
- Selecting the level slider and using the keyboard Up/Down arrow keys
- Selecting the text field above the level and manually entering in a value

After making any desired adjustments to the current band, hit the keyboard Tab key to move to the next Equalizer band (or manually click the desired band to move to). Whichever method of adjustment was last used (Slider/Text Entry) will remain the method of adjustment (until changed).

HOTKEYS

Masking Tabs: Press "M" Paging Tabs: Press "P" Audio Tabs: Press "A"

Channel Tabs:

Channel A or 1: Press "1" Channel 5: Press "5"

Channel B or 2: Press "2" Channel 6: Press "6"

Channel C or 3: Press "3" Channel 7: Press "7"

Channel D or 4: Press "4" Channel 8: Press "8"

** Sources will be numbers for EOP
* Channels will be letters for OP*

Diagnostics (Online OP's)

« Back to OPs

OP #1 ▾

Firmware: 2.1.0 Neuron Firmware: 4.0.1

Basic Settings

Audio Settings

Equalizers

Diagnostics

Initialize OP

Save to Flash

Reboot OP

Reset OP

Set Factory Defaults

Delete OP

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Sound Manager 2 v1.4 [Help](#)

The Diagnostics page allows for Advanced diagnostic actions and to view a list of alarms (if any) for the OP. For OP's that are online, the available options are as follows:

- Initialize OP: queries the OP for the current values
- Save to Flash: allow you to save the current settings for the selected OP to non-volatile (permanent) memory.
- Reboot OP: reboots the physical OP hardware
- Reset OP: resets and restores values to what had previously been saved to flash for the selected OP.
- Set Factory Defaults: removes values saved to flash for the selected OP.
- Delete OP: deletes the record of the OP from the app.

Note, any of the above selections, except for Save to Flash, will cause the OP to go offline.

For OP's that are offline, the following page details the available options.

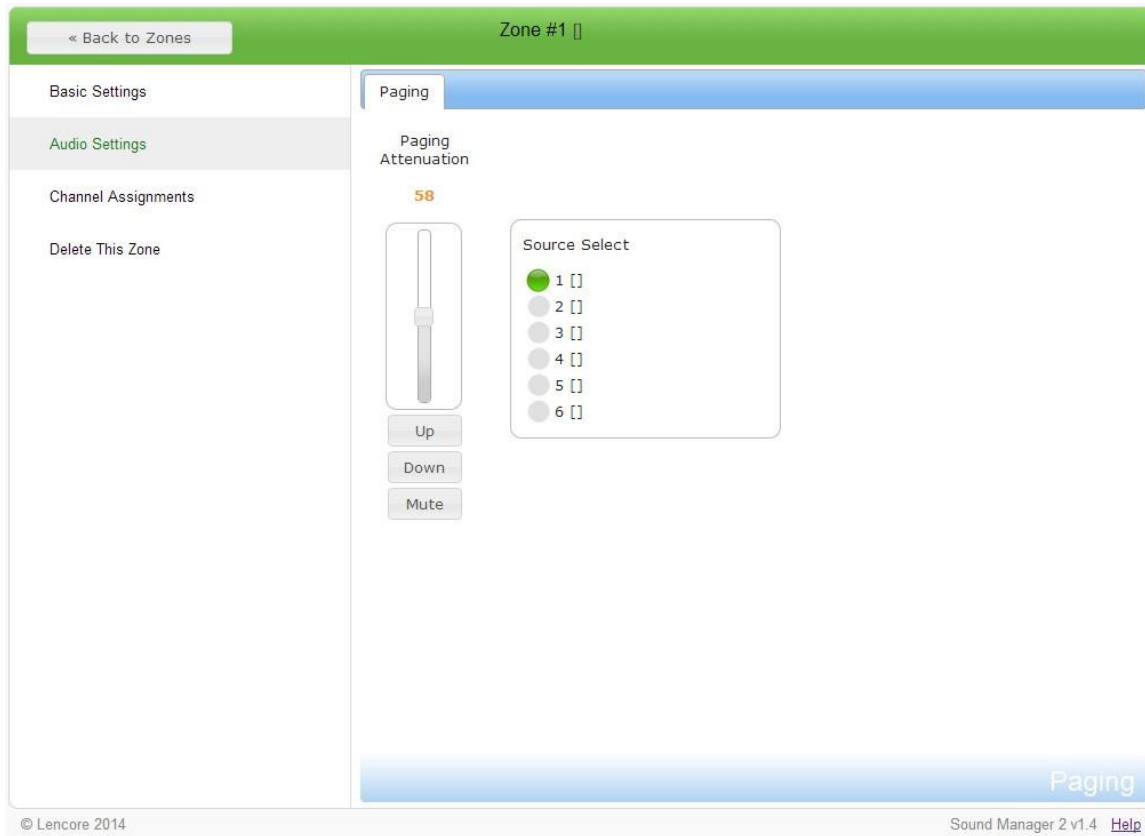
Diagnostics (Offline OP's)

The screenshot shows a web interface for 'Diagnostics (Offline OP's)'. At the top, a green header bar contains a button '« Back to OPs' on the left, the text 'OP #75A []' in the center, and 'Firmware: 2.1.0 Neuron Firmware: 4.0.1' on the right. Below the header, the main content area is divided into three sections. On the left is a large, empty box labeled 'Diagnostics'. In the center are three stacked buttons: 'Check Online', 'Reboot OP', and 'Delete OP'. On the right is a box labeled 'Alarm List' containing the text 'No alarms...'. At the bottom of the page, a footer bar shows '© Lencore 2014' on the left and 'Sound Manager 2 v1.4 [Help](#)' on the right.

The Diagnostics page allows for Advanced diagnostic actions and to view a list of alarms (if any) for the OP. For OP's that are offline, the available options are as follows:

- **Check Online:** rechecks status to see if the OP is online
- **Reboot OP:** reboots the physical OP hardware (only applicable if the Neuron is communicating but the DSP is not)
- **Delete OP:** deletes the record of the OP from the app.

Zone Edit



The Zone Edit screen consists of five primary options, located on the left side of the screen. The functionality of these options will be detailed in the following pages.

- Basic Settings
- Audio Settings
- Equalizer (Masking only)
- Channel Assignments
- Delete This Zone

Basic Settings

[« Back to Zones](#)

Zone #1 []

Basic Settings

Audio Settings

Equalizer

Channel Assignments

Delete This Zone

Change friendly name...

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Sound Manager 2 v1.4 [Help](#)

The Basic Settings page allows you to change the Friendly Name of the Zone to a more descriptive or easily recognizable name.

Audio Settings

The screenshot shows the 'Audio Settings' interface for 'Zone #1'. The interface has a green header bar with a '« Back to Zones' button and the title 'Zone #1 []'. On the left, a sidebar contains links for 'Basic Settings', 'Audio Settings' (highlighted), 'Channel Assignments', and 'Delete This Zone'. The main area is titled 'Paging' and contains 'Paging Attenuation' with a value of '58', a vertical slider, and 'Up', 'Down', and 'Mute' buttons. To the right is a 'Source Select' box with six radio buttons labeled 1 through 6, each followed by '[]'. The first radio button is selected. A blue bar at the bottom right of the main area also displays the word 'Paging'. The footer includes '© Lencore 2014' on the left and 'Sound Manager 2 v1.4 [Help](#)' on the right.

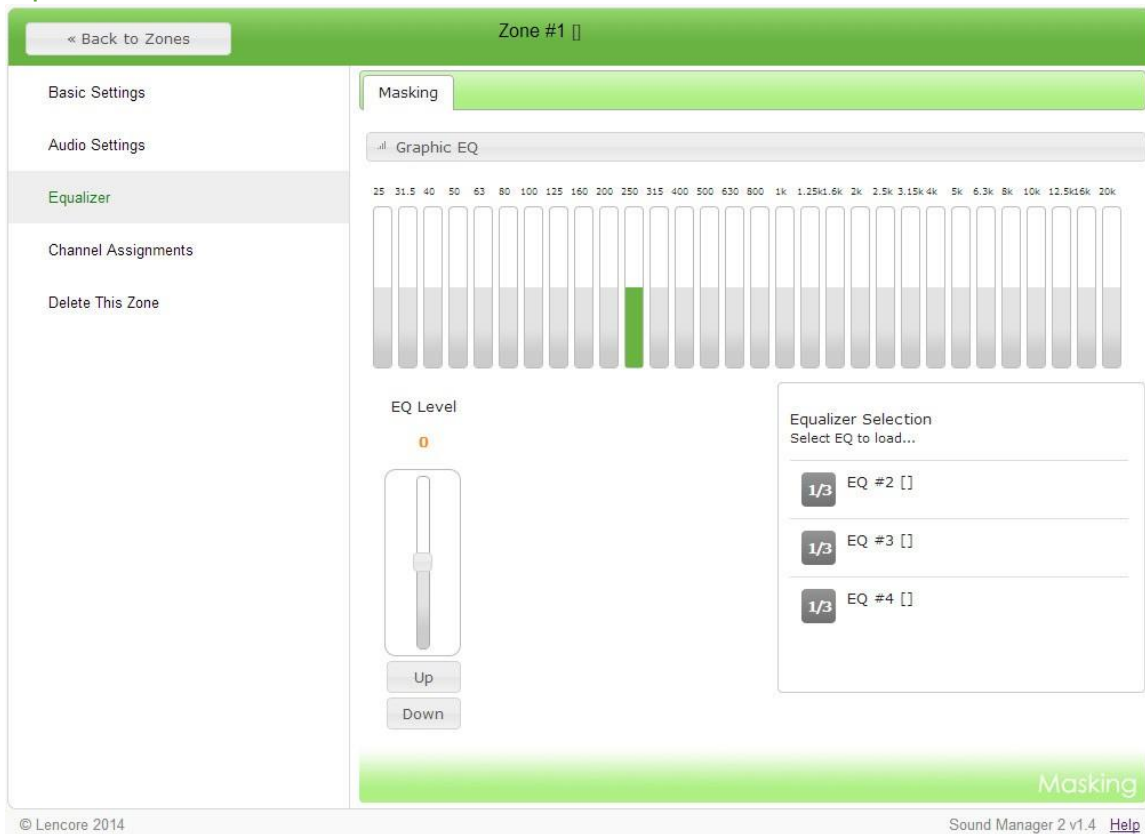
The Audio Settings page allows you to adjust the setting for each of the following categories:

- Masking (Attenuation and Contour)
- Paging (Attenuation Only)
- Audio (Attenuation Only)

The options available will be determined by which zone type is currently being edited (Paging shown above).

The Paging and Audio tabs allow you to adjust the Attenuation for each source individually.

Equalizer



The Equalizer page allows you to edit the equalizer information for the Zone within the Masking category only.

The Equalizer Selection area at the bottom right allows you to select an existing equalizer.

Channel Assignments

[« Back to Zones](#)

Zone #1 []

Basic Settings

Audio Settings

Channel Assignments

Delete This Zone

Paging

OP / Channel Selection
Select channels to assign...

 OP #1 []	☒ A	☒ B	☐ C	☐ D	All	On	Off				
 OP #2 []	☒ A	☐ B	☐ C	☐ D	All	On	Off				
 OP #3 []	☐ A	☐ B	☒ C	☐ D	All	On	Off				
 OP #4 []	☐ A	☐ B	☒ C	☒ D	All	On	Off				
 OP #5 []	☒ A	☐ B	☐ C	☐ D	All	On	Off				
 OP #6 []	☒ A	☒ B	☒ C	☐ D	All	On	Off				
 OP #7 []	☐ A	☐ B	☐ C	☐ D	All	On	Off				
 OP #8A []	☒ 1	☒ 2	☐ 3	☐ 4	☒ 5	☒ 6	☐ 7	☐ 8	All	On	Off

Paging

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Sound Manager 2 v1.4 [Help](#)

The Channel Assignments page allows you to select the individual channels for each OP that will be adjusted in the Audio Settings page. Only channels that have been assigned on this page will be changed when updating the Audio Settings page.

Delete This Zone

[« Back to Zones](#)

Zone #1 []

Basic Settings

Audio Settings

Channel Assignments

Delete This Zone

Are you sure you want to delete this zone?

Delete Zone

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Sound Manager 2 v1.4 [Help](#)

The Delete This Zone page allows you to delete the currently selected zone.

Add a Zone

OP Zone EQ System

Masking Paging Audio

Add Zone

Zn Zone #1 []

Paging

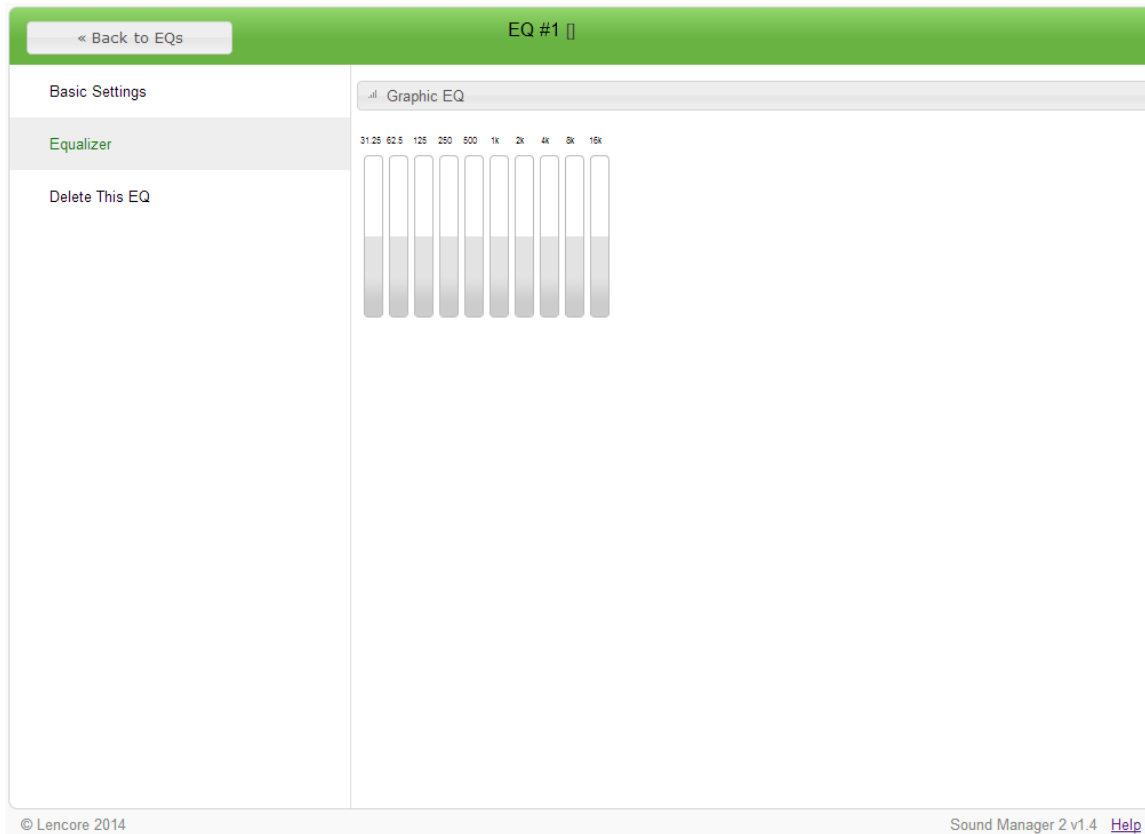
Zone ID Selection
Select ID to add zone...

2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

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After selecting the Add Zone button, a second menu will appear in the center of the page which allows you to select the Zone ID for the newly created zone. Once a Zone ID has been selected, the new zone will appear in the leftmost menu.

EQ Edit



The EQ Edit screen consists of three primary options, located on the left side of the screen. The functionality of these options will be detailed in the following pages.

- Basic Settings
- Equalizer
- Delete This EQ

Basic Settings

[« Back to EQs](#)

EQ #1

Basic Settings

Equalizer

Delete This EQ

Change friendly name...

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Sound Manager 2 v1.4 [Help](#)

The Basic Settings page allows you to change the Friendly Name of the EQ to a more descriptive or easily recognizable name.

Equalizer

The screenshot displays the 'Equalizer' application window. At the top, a green header bar contains a button labeled '<< Back to EQs' and the title 'EQ #1'. The main interface is divided into two panels. The left panel, titled 'Basic Settings', includes a sub-header 'Equalizer' and a button 'Delete This EQ'. The right panel, titled 'Graphic EQ', features a frequency spectrum with nine sliders. The sliders are labeled with frequencies: 31.25, 62.5, 125, 250, 500, 1k, 2k, 4k, 8k, and 16k. The 500 Hz slider is highlighted in green. Below the sliders, the 'EQ Level' is set to 0, with a vertical slider and 'Up' and 'Down' buttons. The footer of the window shows '© Lencore 2014' on the left and 'Sound Manager 2 v1.4' with a 'Help' link on the right.

© Lencore 2014

Sound Manager 2 v1.4 [Help](#)

The Equalizer page allows you to edit the level information for the EQ.

Delete This EQ

[« Back to EQs](#)

EQ #1 

Basic Settings

Equalizer

Delete This EQ

Are you sure you want to delete this EQ?

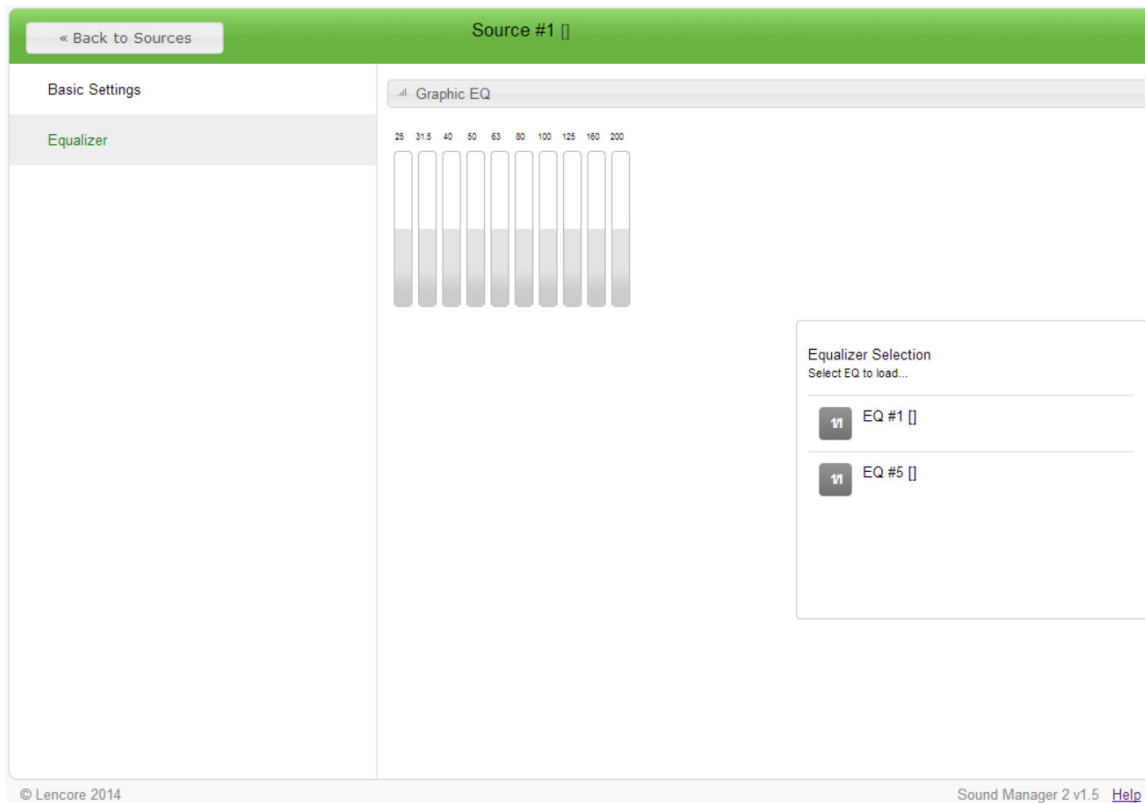
Delete EQ

© Lencore 2014

Sound Manager 2 v1.4 [Help](#)

The Delete This EQ page allows you to delete the currently selected EQ.

Sources Edit



The Sources Edit screen consists of two primary options, located on the left side of the screen. The functionality of these options will be detailed in the following pages.

- Basic Settings
- Equalizer

Basic Settings

[« Back to Sources](#)

Source #1 

Basic Settings

Equalizer

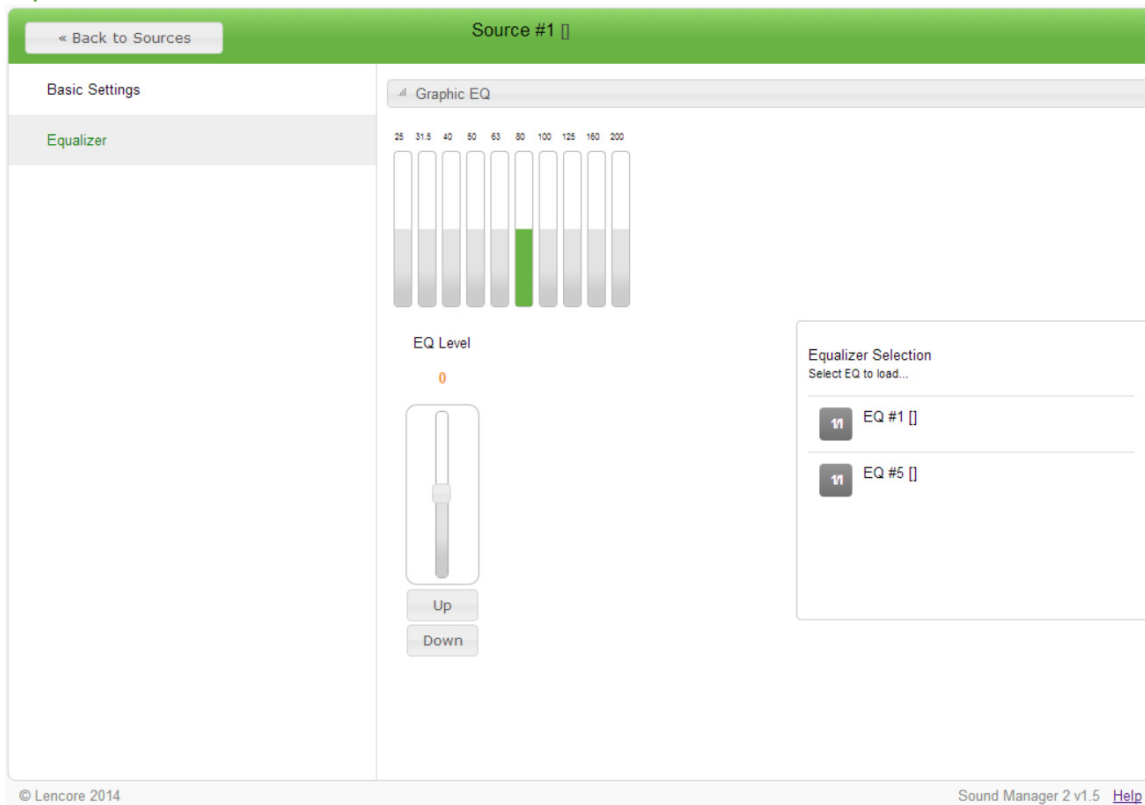
Change friendly name...

© Lencore 2014

Sound Manager 2 v1.5 [Help](#)

The Basic Settings page allows you to change the Friendly Name of the source to a more descriptive or easily recognizable name.

Equalizer



The Equalizer page allows you to edit the level information for the source EQ.

System

Edit Source Names

OP Zone EQ System

Edit Source Names

Restart Poll

Save All to Flash

☐ Auto-Initialize: OFF

Change Password

Generate OP Report

Logout

Change friendly names for sources...

Source 1

Source 2

Source 3

Source 4

Source 5

Source 6

© Lencore 2014 Sound Manager 2 v1.4 [Help](#)

The Edit Source Names page allows you to change Friendly Names for each of the six available sources to more descriptive or easily recognizable names.

Restart Poll

OP Zone EQ System

Edit Source Names

Restart Poll

Save All to Flash

☐ Auto-Initialize: OFF

Change Password

Generate OP Report

Logout

Are you sure you want to restart the poll?

Restart Poll

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The Restart Poll page allows you to stop the poll at the current location and restart it at the top of the OP list.

Save All to Flash

OP Zone EQ System

Edit Source Names

Restart Poll

Save All to Flash

☐ Auto-Initialize: OFF

Change Password

Generate OP Report

Logout

Are you sure you want to save OPs to flash?

Save to Flash

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The **Save All to Flash** page allows you to save the current settings for all OP's to non-volatile (permanent) memory. Note, if any mutes are currently enabled in the system, **Save All to Flash** will fail.

Auto-Initialize

The screenshot shows the 'Auto-Initialize' web interface for Lencore Sound Manager 2 v1.4. The interface has a green header bar. Below it, there are four tabs: 'OP', 'Zone', 'EQ', and 'System', with 'System' being the active tab. On the left side, there is a vertical list of buttons: 'Edit Source Names', 'Restart Poll', 'Save All to Flash', 'Auto-Initialize: ON' (which is highlighted in green and has a toggle switch to its right), 'Change Password', 'Generate OP Report', and 'Logout'. The main content area on the right is empty. In the bottom right corner of the main area, the Lencore logo is displayed. At the very bottom of the page, there is a footer with the text '© Lencore 2014' on the left and 'Sound Manager 2 v1.4 [Help](#)' on the right.

Turning Auto-Initialize on will find all the OP's in the system and get the current state of the device. Turning Auto-Initialize off will also find all the OP's in the system but will not get the current state of the device, only whether it is online or not. Auto-Initialize is set to off on a new install. Once changed, the Auto-Initialize state will be saved and remain at the last selected state until changed again.

Change Password

The screenshot shows the 'Change Password' page of the Sound Manager 2 v1.4 interface. The page has a green header bar. Below the header, there is a navigation bar with tabs for 'OP', 'Zone', 'EQ', and 'System'. The 'System' tab is currently selected. On the left side of the page, there is a vertical list of buttons: 'Edit Source Names', 'Restart Poll', 'Save All to Flash', 'Auto-Initialize: OFF' (with a checkbox), 'Change Password' (highlighted), 'Generate OP Report', and 'Logout'. The main content area on the right is titled 'Change password...' and contains two password input fields labeled 'Password' and 'Re-type Password', each with a password icon (an eye with a slash) to its right. Below these fields is a 'Save' button. At the bottom of the page, there is a footer bar with the text '© Lencore 2014' on the left and 'Sound Manager 2 v1.4' followed by a 'Help' link on the right.

OP Zone EQ System

Edit Source Names

Restart Poll

Save All to Flash

☐ Auto-Initialize: OFF

Change Password

Generate OP Report

Logout

Change password...

Password

Re-type Password

Save

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The Change Password page allows you to change the master password required to access the system from the Log-In screen.

Generate OP Report

OP Zone EQ System

Edit Source Names

Restart Poll

Save All to Flash

☐ Auto-Initialize: OFF

Change Password

Generate OP Report

Logout

OP Report: Started...

OP Report: Finished!

Download Report

 LENCORE

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The Generate OP Report page allows you to generate a comma-delimited report of all the values associated with all the OP's, as well as download the generated report for further reference and processing.

Logout

OP Zone EQ System

Edit Source Names

Restart Poll

Save All to Flash

☐ Auto-Initialize: OFF

Change Password

Generate OP Report

Logout

Are you sure you want to logout?

Logout

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The Logout page will log out of the current user and return to the Log-In screen.

Keyboard Shortcuts

Main OP, Zone, EQ, Source and System tabs

Use the Up/Down or Left/Right arrow keys to move between the main OP, Zone, EQ and System tabs. The currently selected tab will be outlined in blue. Note, a tab must be selected manually with the mouse before these keyboard shortcuts will work. Pressing the “Escape” button will unselect the current tab and prevent the keyboard shortcuts from working until a tab is again selected manually with the mouse.

Masking, Paging and Audio tabs

Use the “M”, “P” and “A” buttons to quickly move between Masking, Paging and Audio tabs wherever they appear throughout the system.

Channel tabs

Use number buttons to quickly move between channels wherever they appear throughout the system. Number buttons 1 – 4 will switch between channels A – D where they appear and number buttons 1 – 8 will switch between channels 1 – 8 where they appear.

Source tabs

Use number buttons to quickly move between sources wherever they appear throughout the system. Number buttons 1 – 6 will switch between sources 1 – 6 where they appear.

Audio controls

Once a channel has been selected, press the “Tab” button to bring the audio control slider into focus (it will be outlined in blue). Once in focus, use the up and down arrow keys to adjust the slider up or down.

Alternatively, clicking on the orange value above the slider will allow you to manually enter in a value level. Once a value has been input, press “Enter” to save the value. To exit the text entry mode, press “Escape”.

Equalizers

Press the “Tab” button to bring the next equalizer into focus. Once an equalizer has been selected, the control slider for that equalizer band will be brought into focus. Once in focus, use the up and down arrow keys to adjust the slider up or down.

Alternatively, clicking on the orange value above the slider will allow you to manually enter in a value level. Once a value has been input, press “Enter” to save the value. To exit the text entry mode, press “Escape”.